

Application No.: 10/743,305

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AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A banknote handling device that handles banknotes, said banknote handling device comprising:

a money-in module that receives banknotes from a customer;

a counterfeit collection box that stores counterfeit banknotes;

a discrimination module that carries out counterfeit detection and determines each banknote as counterfeit or as genuine;

a counterfeit processing module that stores each banknote determined as counterfeit into said counterfeit collection box, based on a result of the counterfeit detection by said discrimination module, and prohibits the stored counterfeit banknote from being returned to the customer; and

a notification module that notifies the customer of predetermined kind of information indicative of a total amount of money received from the customer and an amount of money settled as a transaction, regardless of the result of the counterfeit detection by said discrimination module,

wherein the total amount of money includes an amount of money in counterfeit notes if existing in the banknotes received from the customer.

2. (Original) A banknote handling device in accordance with claim 1, wherein the information notified by said notification module includes a number of each type of the banknotes received from the customer.

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3. (Original) A banknote handling device in accordance with claim 1, wherein the information notified by said notification module includes a specific piece of information for specifying an amount of banknotes determined as genuine by said discrimination module.

4. (Original) A banknote handling device in accordance with claim 1, said banknote handling device further comprising:

an output module that outputs a form describing the information.

5. (Previously Presented) A banknote handling device that handles banknotes, said banknote handling device comprising:

a money-in module that receives banknotes from a customer;

a counterfeit collection box that stores counterfeit banknotes;

a discrimination module that carries out counterfeit detection and determines each banknote as counterfeit or as genuine;

a counterfeit processing module that stores each banknote determined as counterfeit into said counterfeit collection box, based on a result of the counterfeit detection by said discrimination module, and prohibits the stored counterfeit banknote from being returned to the customer;

a notification module that notifies the customer of predetermined kind of information indicative of a total amount of money received from the customer and an amount of money settled as a transaction, regardless of the result of the counterfeit detection by said discrimination module; and

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a safe that receives therein multiple storage boxes for storing genuine banknotes, wherein said counterfeit collection box is located outside said safe.

6. (Original) A banknote handling device in accordance with claim 5, wherein said counterfeit collection box is located in said money-in module equipped with said discrimination module.

7. (Previously Presented) A banknote handling device that handles banknotes, said banknote handling device comprising:

a money-in module that receives banknotes from a customer;

a counterfeit collection box that stores counterfeit banknotes;

a discrimination module that carries out counterfeit detection and determines each banknote as counterfeit or as genuine;

a counterfeit processing module that stores each banknote determined as counterfeit into said counterfeit collection box, based on a result of the counterfeit detection by said discrimination module, and prohibits the stored counterfeit banknote from being returned to the customer;

a notification module that notifies the customer of predetermined kind of information indicative of a total amount of money received from the customer and an amount of money settled as a transaction, regardless of the result of the counterfeit detection by said discrimination module;

multiple storage boxes for storing banknotes; and

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a setting module that specifies at least one of said multiple storage boxes to said counterfeit collection box.

8. (Original) A banknote handling device in accordance with claim 7, said banknote handling device further comprising:

a database that stores banknote type information corresponding to a number allocated to each of said multiple storage boxes,

wherein said setting module changes the storage in said database.

9. (Original) A banknote handling device in accordance with claim 7, said banknote handling device further comprising:

a control module that sorts out each banknote determined as genuine or as counterfeit by said discrimination module to one of said storage boxes or said counterfeit collection box, based on the specification by said setting module.

10. (Previously Presented) A banknote handling device that handles banknotes, said banknote handling device comprising:

a money-in module that receives banknotes from a customer;

a counterfeit collection box that stores counterfeit banknotes;

a discrimination module that carries out counterfeit detection and determines each banknote as counterfeit or as genuine;

a counterfeit processing module that stores each banknote determined as counterfeit into said counterfeit collection box, based on a result of the counterfeit detection by said

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discrimination module, and prohibits the stored counterfeit banknote from being returned to the customer;

a notification module that notifies the customer of predetermined kind of information indicative of a total amount of money received from the customer and an amount of money settled as a transaction, regardless of the result of the counterfeit detection by said discrimination module; and

a temporary storage box that temporarily keeps the banknotes received through said money-in module,

wherein said counterfeit collection box is located at a position branched off a conveyor path of connecting said discrimination module with said temporary storage box.

11. (Previously Presented) A banknote handling device that handles banknotes, said banknote handling device comprising:

a money-in module that receives banknotes from a customer;

a counterfeit collection box that stores counterfeit banknotes;

a discrimination module that carries out counterfeit detection and determines each banknote as counterfeit or as genuine;

a counterfeit processing module that stores each banknote determined as counterfeit into said counterfeit collection box, based on a result of the counterfeit detection by said discrimination module, and prohibits the stored counterfeit banknote from being returned to the customer;

a notification module that notifies the customer of predetermined kind of information indicative of a total amount of money received from the customer and an amount of money

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settled as a transaction, regardless of the result of the counterfeit detection by said discrimination module;

a temporary storage box that temporarily keeps the banknotes received through said money-in module;

a storage box that stores genuine banknotes; and

a control module that temporarily keeps the received banknotes in said temporary storage box and, in response to a deposit instruction from the customer, conveys banknotes determined as genuine, among the banknotes temporarily kept in said temporary storage box, to said storage box for storage while storing any banknote determined as counterfeit in said counterfeit collection box, said control module, in response to a cancellation instruction from the customer, returning banknotes determined as genuine, among the banknotes temporarily kept in said temporary storage box, to said money-in module while storing any banknote determined as counterfeit in said counterfeit collection box.

12. (Previously Presented) A banknote handling device that handles banknotes, said banknote handling device comprising:

a money-in module that receives banknotes from a customer;

a counterfeit collection box that stores counterfeit banknotes;

a discrimination module that carries out counterfeit detection and determines each banknote as counterfeit or as genuine;

a counterfeit processing module that stores each banknote determined as counterfeit into said counterfeit collection box, based on a result of the counterfeit detection by said

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discrimination module, and prohibits the stored counterfeit banknote from being returned to the customer;

a notification module that notifies the customer of predetermined kind of information indicative of a total amount of money received from the customer and an amount of money settled as a transaction, regardless of the result of the counterfeit detection by said discrimination module; and

a management module that maps each banknote determined as counterfeit and stored in said counterfeit collection box to customer information on the customer who has paid in the banknote.

13. (Previously Presented) A banknote handling device that handles banknotes, said banknote handling device comprising:

a money-in module that receives banknotes from a customer;

a counterfeit collection box that stores counterfeit banknotes;

a discrimination module that carries out counterfeit detection and determines each banknote as counterfeit or as genuine;

a counterfeit processing module that stores each banknote determined as counterfeit into said counterfeit collection box, based on a result of the counterfeit detection by said discrimination module, and prohibits the stored counterfeit banknote from being returned to the customer;

a notification module that notifies the customer of predetermined kind of information indicative of a total amount of money received from the customer and an amount of money

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settled as a transaction, regardless of the result of the counterfeit detection by said discrimination module; and

a control module that, when the banknotes received from the customer include any counterfeit banknote, stores all the banknotes including both genuine and counterfeit banknotes in said counterfeit collection box in such a manner that a bundle of banknotes received from each customer is parted from bundles of banknotes received from other customers by partition sheets.

14. (Original) A banknote handling device in accordance with claim 13, said banknote handling device further comprising:

a stacker that keeps the partition sheets; and  
a management module that manages customer information on each customer who has paid in any counterfeit banknote, mapped to the corresponding bundle of banknotes parted by the partition sheets.

15. (Cancelled)

16. (Previously Presented) A banknote handling device that handles banknotes, said banknote handling device comprising:

a money-in module that receives banknotes from a customer;  
a safe that stores banknotes;  
multiple banknote storage boxes that are located in said safe and store banknotes classified by a banknote type;

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a discrimination module that carries out counterfeit detection and determines each banknote as counterfeit or as genuine;

a setting storage module that sets at least one of said multiple banknote storage boxes to a collection box, which stores each banknote determined as counterfeit by said discrimination module to be not returnable to the customer, and stores the setting;

a control module that sorts out each banknote determined as counterfeit to said collection box, based on a result of the counterfeit detection by said discrimination module; and

a management module that manages customer information for identifying each customer who handles a transaction, mapped to presence or absence of any counterfeit banknote involved in the transaction.

17. (Original) A banknote handling device in accordance with claim 16, wherein said control module, when a bundle of banknotes received for one transaction include any banknote determined as counterfeit, collectively stores the bundle of banknotes including both genuine and counterfeit banknotes in said collection box.

Claim 18 (Canceled)

19. (Currently Amended) A banknote handling device in accordance with claim 15,  
A banknote handling device that handles banknotes, said banknote handling device comprising:  
a money-in module that receives banknotes from a customer;  
a safe that stores banknotes;

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a discrimination module that carries out counterfeit detection and determines each banknote as counterfeit or as genuine;

a collection box that stores each banknote determined as counterfeit by said discrimination module to be not returnable to the customer; and

a management module that manages customer information for identifying each customer who handles a transaction, mapped to presence or absence of any counterfeit banknote involved in the transaction,

wherein said collection box is located outside said safe and

wherein said management module maps each banknote involved in the transaction to the customer information.

20. (Previously Presented) A banknote handling device in accordance with claim 16, wherein said management module maps each banknote involved in the transaction to the customer information.